| Work Order ID 86520 Wednesday, July 04, 2012 7:40:15 AM | | | | | *86520* | | | | | | | | | | Page 1 | | |
|--|----------------------|-----------------------|-----------------------|----------------|----------------|----------------------------|------------|---------------------|-------------|------------------|--------------|-------|---------------------------------------|------------------|----------------|------------|--|
| Revision ID: | D412-742- | 013 be Installatio | n | W 4 = 3. ITTET | | Accept | */ | 190 | 0040 | 1100 |) * | Setu | p Start Stop | IA | S1* S2* |)12 12 | |
| Start Date: Required Date: Reference: | 7/4/2012 7/4/2012 | | ty: 1.00 Qty: 1.00 | | *1* *1* | | | Cust Ite Custome | | , | | | | | | | |
| Approvals: | Process P QC: | lan: // | F | Date: √c | 2.07- | Tooling: SPC (Y/N): | : | | Date: | | | Run | Start Stop | 1/7 | R1* R2* | | |
| Sequence ID/ Work Center ID | | Operation Descript | | -1-(| | Set Up/ Run Hours | s | Tool II | O Tool# | Plan Code | Accep Qty | | eject ty | Reject Number | Insp. Stamp | | |
| Draw Nbr | Re | vision Nbr | | | | ··· + = := | | | | | 1111111 | | | | | | |
| IIN D412-742 | Е | | | | | | | | | | | | | | | | |
| *100 *100* | | DOCUME | NT CONTROL | _ | | 0.00 | | | mar e ae | ਦ ਵ ਾਜ ਾਦ | | (| HA | 12/7/ | 4 | | |
| Document Control | | | Memo Photocopy bl | uefile and cr | eate labels pe | 0.00 r PPP D412-742-013 | CHG007 | DI | 267/04 | • | | • | 0 | , , , | • 43499444 | | |
| 110 | | Pick Kit | | | | 0.00 | | | | | | | | | | | |
| *110* Packaging Packaging | | | Memo | | | 0.00 | | | | | (| ··· · | · · · · · · · · · · · · · · · · · · · | | 12/67/ | 104 | |
| 120 *120* | | QC4- 100% | 6 Inspect kits fo | or completen | ess 👡 | 0.00 | -) | 1 | | • | (| | | | | | |
| QC Quality Control | | | | [2 | 6 | 35 | 2 L | 104 | 7 | | The | | The second second | | | | |

Page 2

Wednesday, July 04, 2012 7:40:15 AM Item ID: D412-742-013 Accept *N900040100* Setup Start **Revision ID:** Item Name: Float Skidtube Installation **Start Date:** 7/4/2012 Start Qty: 1.00 **Cust Item ID:** Required Date: 7/4/2012 Req'd Qty: 1.00 **Customer:** Reference: Run **Process Plan: Approvals:** Date: **Tooling:** Date: Stop QC: Date: _ ____ SPC (Y/N): Date: Sequence ID/ Operation Tool # Plan Tool ID Set Up/ Accept Reject Reject Insp. Work Center ID Description **Run Hours** Code Qty Qty Number Stamp 130 0.00 Packaging *130* Packaging 0.00 Packaging Identify and pack for shipping as per PPP D412-742-013 Location: 140 QC21- Final Inspection - Work Order Release 0.00 *140* QC 0.00 Memo Quality Control

> mf 12-07-04

·Picklist Print

Wednesday, July 04, 2012 7:40:12 AM

Work Order ID:

86520

Parent Item:

D412-742-013

Parent Item Name:

Float Skidtube Installation

Start Date: 7/4/2012

Required Date: 7/4/2012

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev: A05.10.13New Issue KJ/JLM

IPP Rev:B 06-06-08 As per DSI9336 JLM

IPP RevC 07-12-03 ECN

1072 DD verified by:JLM

IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC

IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC 10.01.13 verified by:EC

IPP RevF: add AN4C7A DD IPP Rev:G 11.11.01 as per DSI9517 REV.B DD verified

IPP rev:H 12.01.12 PER IIN REV.E DD VERF: by:EC

IPP Rev:I add AN4C47A

| | DD 12.03.14 verif | fied by:EC | | | | | | | | | | | |
|---------------------------------|------------------------|---------------|-------------|---------------------|---------------------------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
| AN4C47A Bolt | | Purchased | No | | · · · · · · · · · · · · · · · · · · · | 110 | Each | 136.0000 | 4 | 4 | JB | 3 | |
| | | | | Location | | Loc Qty | <u>Lo</u> | oc Code | | | U | | |
| | | | | ST361 | | 136 | | | | | | | |
| | | | | 1184 | 151 | 6 | | | - | | | | |
| | | | | 1197 | 798 | 2 | | | | | | | |
| | | | | 1210 | 009 | 22 | | | | | | | |
| | | | | 1215 | 885 | 6 | | | | | | | |
| | | | | 1220 | 012 | 50 | | | 12 | 2012 | | | _ |
| | | | | 1222 | 204 | 50 | | | | | | | |
| D412-742-043 | | Manufactured | No | | | 110 | Each | 0.0000 | 1 | 10 | • | ٠ , | |
| Replacement Float Skidtube | e | | | | | | | | • | ' 8 | 124 | 7 (| // |
| / D2571 | | Manufactured | No | | | 110 | Each | 2.0000 | 1 | 1 | VIC | \frac{1}{2} | |

| Locatio | <u>n</u> | Loc Qty | Loc Code |
|---------|----------|---------|----------|
| ST | | 1 | |
| | 11644 | 1 | |
| ST342 | | I | |
| | 82049 | 1 | |
| ST425 | | -13 | |
| ST433 | | 13 | |

Saddle, Fwd Out 205

Wednesday, July 04, 2012 7:40:12 AM

Work Order ID: 86520 Parent Item: D412-742-013 **Start Date: 7/4/2012** Required Date: 7/4/2012 Parent Item Name: Float Skidtube Installation Start Qty: 1.00 Required Qty: 1.00 D2572 Manufactured 110 Each 2.0000 Saddle, Fwd In 205 Location Loc Oty Loc Code ST432 2 71107 2 D2573 No Manufactured 110 Each 5.0000 Saddle, Aft Out 205 Location Loc Oty Loc Code ST423 -11 79424 83453 ST433 83669 ST434 12 D2574 Manufactured No 110 Each 5.0000 Saddle, Aft In 205 Location Loc Oty Loc Code ST433 83455 83671 83671 Manufactured No 110 Each 98.0000 Saddle Spacer Loc Oty Location Loc Code ST020 98 79693 2 83323 40 83890 83890 56

Wednesday, July 04, 2012 7:40:13 AM

| Work Order ID: Parent Item: | 86520 D412-742-013 | | | | | | | | C4. | D-A 7/4/201/ | | D | 7/4/0010 |
|-----------------------------|-----------------------|--------------|-----|----------|----------------|---|---------|-------|----------|--------------------------------------|-----|-----------------------|----------------|
| Parent Item Name: | Float Skidtube Insta | llation | | | | | | | | art Date: 7/4/2012 tart Qty: 1.00 | 2 | Required D Required (| Pate: 7/4/2012 |
| D2877 Saddle Spacer | | Manufactured | No | | | 1 | 10 | Each | 68.0000 | 2 | 2 | Kequired (| Qty: 1.00 |
| Saddle Spaces | | | | Location | | | I O. | | | | | | - Ch |
| | | | | Location | | | Loc Qty | | Loc Code | | | | |
| | | | | ST020 | 00004 | | 68 | | | - 44 | | | |
| | | | | | 82026 | | 2 | | | 82 | 026 | | |
| | | | | | 83324 83891 | | 5 61 | | | MARKS - 140 - 15 | | | |
| D3403-1 | | M | No | | 03071 | , | | Carl. | 91.0000 | | | | \bigcirc |
| Bushing | | Manufactured | 110 | | | 5 | 10 | Each | 81.0000 | 8 | 8 | 10 | 8 |
| | | | | Location | | | Loc Qty | | Loc Code | | | 0 1 | |
| | | | | ST041 | | | 15 | | | | | | |
| | | | | | 70696 | | 15 | | | | | | |
| | | | | ST042 | | | 66 | | | | | | |
| | | | | | 80208 | | 7 | | | | | | |
| | | | | | 80219 | | 4 | | | | | | |
| , | | | | | 81529 | | 5 | | | | | | |
| | | | | | 85661 | | 50 | | | 95 | 661 | | |
| D3403-5 Bushing | | Manufactured | No | | | 1 | 10 | Each | 61.0000 | 8 | 8 | ~ 2B | |
| | | | | Location | | j | Loc Qty | | Loc Code | | | • | 8 |
| | | | | ST042 | | | 61 | | | | | | • |
| | | | | | 81531 | | 10 | | | 2× 81: | 531 | | |
| / | | | | | 85664 | | 51 | | | 67-85 | 664 | | |
| D2747 Set Screw | | Manufactured | No | | | 1 | 10 | Each | 104.0000 | | 4 | -JB. | \$ 12/07/04 |
| | | | | Location | | j | Loc Qty | | Loc Code | | | • | U |
| | | | | ST017 | | • | 104 | | | | | | |
| | - <u>\$</u> - | | | | 79520 | | 5 | | | | | | |
| | | | | | 81877 | | 99 | | | 818 | 111 | | |

Wednesday, July 04, 2012 7:40:13 AM

| Work Order ID: | 86520 | | | | | | | | |
|----------------------|----------------------|--------------|----|--|--------------------------------|------|----------------------|--------------------|-------------------------|
| Parent Item: | D412-742-013 | | | | | | Start | t Date: 7/4/2012 | Required Date: 7/4/2012 |
| Parent Item Name: | Float Skidtube Insta | Illation | | | | | | rt Qty: 1.00 | Required Qty: 1.00 |
| D3533-1 Set Screw | | Manufactured | No | | 110 | Each | 72.0000 | 2 | 1B 50 |
| | | | | Location ST053 80326 83892 | Loc Oty 72 4 68 | | Loc Code | 83892 | |
| S AN4C6A Bolt | | Purchased | No | | 110 | Each | 455.0000 | 16 16 | 99 80 |
| AN4C53A Bolt | | Purchased | No | Location FG 103344 ST356 116704 120423 121656 121657 | Loc Oty 4 451 2 1 16 432 | Each | Loc Code 113.0000 | 12/657 | |
| / | | | | Location ST361 121183 122193 | Loc Oty 113 6 99 | | Loc Code | 2×12/193 | |
| AN4C52A BOLT | | Purchased | No | 122194 | 110 | Each | 16.0000 | 2 × 122 194 4 4 | 23 8 12/07/04 |
| | | | | Location ST361 117688 120364 | Loc Qty 16 6 10 | | Loc Code | 120364 | |

Wednesday, July 04, 2012 7:40:13 AM

Work Order ID:

86520

Parent Item:

D412-742-013

Start Date: 7/4/2012

Required Date: 7/4/2012

| Parent Item Name: | Float Skidtube Installation | | | | | Start | Qty: 1.00 | | Required Qt | y: 1.00 |
|--------------------------|-----------------------------|----|-----------------|---------|------|----------|------------------|----------|-------------|-----------|
| AN6C12A BOLT | Purchased | No | | 110 | Each | 64.0000 | 8 | 8 | 193 | SP |
| | | | Location | Loc Qty | | Loc Code | | | , | 01 |
| | | | ST341 | 64 | | | | | | |
| | | | 121302 | 8 | | | 1213 | 302 | | |
| | | | 121541 | 7 | | | | | | |
| | | | 122204 | 49 | | | | | | |
| D3672-3 Phenolic Washer | Manufactured | No | | 110 | Each | 875.0000 | 32 | 32 | 133 | |
| | | | Location | Loc Qty | | Loc Code | | | V | <u> </u> |
| | | | ST060 | 875 | | | | | | |
| | | | 84361 | 375 | | | 843 | 61 | | |
| | | | 84432 | 500 | | | | | | |
| S AN960C416L WASHER | Purchased | No | | 110 | Each | 0.0000 | 1212 | 32 55 | JB | 98 |
| D3672-9 | Manufactured | No | ** | 110 | Each | 324.0000 | 8 | 8 | | A |
| Phenolic Washer | | | | | | | | | - J.B. | |
| v | | | Location | Loc Qty | | Loc Code | | | | |
| | | | ST060 | 324 | | | | | | |
| | | | 81763 | 324 | | | 8179 | 03 | | |
| NAS1149C0632R WASHER | Purchased | No | | 110 | Each | 199.0000 | 8 | 8 | 23 | 8 |
| | | | Location | Loc Qty | | Loc Code | | | | 01 |
| | | | ST297 | 199 | | | | | | |
| | | | 119736 | 2 | | | - | | | |
| | | | 120308 | 1 | | | | | | |
| | | | 121060 | 7 | | | 10. | / | | |
| | | | 121825 | 189 | | | | 25 | | |
| D3672-11 Phenolic Washer | Manufactured | No | | 110 | Each | 219.0000 | 8 | 8 | - JBJ | 212/07/04 |
| | | | Location | Loc Qty | | Loc Code | | | 785 | 1 |
| | | | ST060 | 219 | | | | | لياً | , |
| | | | 77483 | 219 | | | 174 | 83 | | |

Wednesday, July 04, 2012 7:40:14 AM

Work Order ID:

86520

Parent Item:

D412-742-013

Parent Item Name:

Float Skidtube Installation

Start Date: 7/4/2012

Required Date: 7/4/2012

Start Qty: 1.00

Required Qty: 1.00

| Parent Rem Name: | Float Skidtude Installation | | | | | Start (| Qty: 1.00 | | Required Qty: 1.00 |
|------------------|-----------------------------|-----|-----------------|---------|------|------------|-----------------|--|--------------------|
| MS21043-4 Nut | Purchased | No | | 110 | Each | 1,933.0000 | 29 | 29 | 18 R |
| U | | | Location | Loc Oty | | Loc Code | | | |
| | | | FG | 40 | | 207 0040 | | | * |
| | | | 1046 | | | | | | |
| | | | ST301 | | | | | | |
| | | | 1195 | 893 | | | | | |
| | | | 1211 | | | | | | |
| | | | 1217 | | | | 1211 | 42 | |
| | | | ST318 | 1000 | | | 1011 | <u>0 </u> | |
| , | | | 1221 | | | | - | | |
| D3403-3 | Manuelantana | No | 1221 | 110 | Cook | (8,0000 | | | ν |
| Bushing | Manufactured | 140 | | 110 | Each | 68.0000 | 8 | 8 | 1B R |
| J Bushing | | | | | | | 14. 4 (4) | | |
| | | | Location | Loc Qty | | Loc Code | | | 03 |
| | | | ST042 | 68 | | | | | |
| | | | 8153 | | | | | | 25 |
| | | | 8566 | 2 60 | | | 850 | 662 | |
| D3405-041 | Manufactured | No | | 110 | Each | 14.0000 | 1 | 1 | V 12 - |
| Lug Assembly | | | | | | | 91 Tabes 1944 | | JB 70. |
| | | | Location | Loc Qty | | Loc Code | | | 00 |
| | | | ST478 | 14 | | | | | |
| | | | 6222 | | | | | | |
| | | | 7700 | | | | | | |
| | | | 8337 | | | | 200 | | |
| / | | | 8389 | | | | 838 | 396 | |
| D3405-043 | Manufactured | No | | 110 | Each | 10.0000 | 1 | 1 | V |
| Lug Assembly | | | | | | | General Control | | JB 8 12/07/04 |
| | | | Location | Loc Oty | | Loc Code | | | 00 |
| | | | ST478 | | | Loc Code | | | |
| | | | 8203 | 10 | | | | | |
| | | | 8389 | | | | 83 | 001 | |
| | | | 0389 | 7 9 | | | 80 | 871 | |

Wednesday, July 04, 2012 7:40:14 AM

Work Order ID:

86520

Parent Item:

D3456-1

Washer

D412-742-013

Parent Item Name:

Float Skidtube Installation

Manufactured

No

Start Date: 7/4/2012

Required Date: 7/4/2012

Start Oty: 1.00

Required Oty: 1.00

| | i ai che item i tame. | Toat Skidtaoc mstanation | | | | | Start | Qty: 1.00 | | Required Qty: 1.0 | |
|----------|-----------------------|--------------------------|----|-----------------|---------|------|----------|-----------|----------|-------------------|-----|
| / | AN4C7A Bolt | Purchased | No | | 110 | Each | 131.0000 | 4 | 4 | - 25 | |
| | | | | Location | Loc Qty | | Loc Code | | | | |
| | | | | ST356 | 131 | | | | | | |
| / | • | | | 109147 | 131 | | | 100 | 7147 | <u></u> | |
| <u>/</u> | D3407-041 | Manufactured | No | | 110 | Each | 4.0000 | 1 | 1 | | 50 |
| | Tow Ring | | | | | | | | 41 (4 4 | JB | -21 |
| | | | | Location | Loc Qty | | Loc Code | | | V | • • |
| | | | | ST463 | 4 | | | | | • | |
| | | | | | | | | | | | |

82067 82068 3 Manufactured No 110 Each 25.0000 Washer Location Loc Qty Loc Code FG 33519 9

85223

ST042 16 80225 16 110 217.0000 Each

Location Loc Qty Loc Code FG 25701 7 ST044 210 81876 80252 81876 17 83584 92

100

Picklist Print

Wednesday, July 04, 2012 7:40:14 AM

Work Order ID: 86520 Parent Item: D412-742-013 **Start Date:** 7/4/2012 Required Date: 7/4/2012 Float Skidtube Installation Parent Item Name: Start Qty: 1.00 Required Qty: 1.00 AN3C37A Purchased No 110 Each 156.0000 BOLT Location Loc Qty Loc Code ST324 50 122204 50 ST354 106 116874 11 117010 2 3 120422 121068 36 121584 4 121585 50 AN3C40A BOLT No 110 Purchased Each 22.0000 Loc Oty Location Loc Code ST354 22 22 114442 Purchased No 110 Each 213.0000

| <u>Location</u> | Loc Qty | Loc Code | |
|-----------------|---------|----------|--------|
| FG | 4 | | |
| 103324 | 4 | | |
| ST354 | 209 | | |
| 121013 | 26 | | |
| 121313 | 80 | | |
| 121689 | 3 | | 121689 |
| 122241 | 100 | | |

Picklist Print

Wednesday, July 04, 2012 7:40:14 AM

Work Order ID: 86520 Parent Item: D412-742-013 **Start Date:** 7/4/2012 Required Date: 7/4/2012 Parent Item Name: Float Skidtube Installation Start Qty: 1.00 Required Qty: 1.00 AN3C42A No 110 Purchased Each 71.0000 BOLT Location Loc Qty Loc Code ST354 71 106176 120464 3 121103 17 122241 50 AN3C43A No 110 Purchased Each 69.0000 BOLT Loc Qty Location Loc Code ST354 69 114455 2 119673 20465 120465 66 No 110 Purchased Each 61.0000 **BOLT** Location Loc Qty Loc Code ST355 61 3×120447 120447 11 2× 122204 122204 50 NAS1149C0332R Purchased No 110 Each 21.0000 washer Location Loc Otv Loc Code ST 21

21

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Page 10

Wednesday, July 04, 2012 7:40:15 AM

Work Order ID:

86520

Parent Item:

D412-742-013

Parent Item Name:

Float Skidtube Installation

Start Date: 7/4/2012

Required Date: 7/4/2012

Start Qty: 1.00

Required Qty: 1.00

| | MS21043-3 |
|---------------|-----------|
| $\overline{}$ |) |

Purchased

No

110

Each

1,154.0000

13

13 ~

Location Loc Qty Loc Code FG 72 72 103691 ST301 1082 118077 2 118614 12 30 118686 119758 20 121255 129 121708 889